

## Claims (amended)

Sub  
21

1. Anchor with a fluke with a longitudinal axis which extends from the rear end of the fluke to its front end and with connection means for connecting the fluke with the lower end of an anchor line, which connection means comprise an anchor shank, the connection means comprising at least one coupling with two cooperating coupling members, the first of which being situated on the fluke side of the coupling and being directly or indirectly connected to the fluke in order to follow its movement and the second being situated on the anchor line side of the coupling and being directly or indirectly connected to the anchor line, the anchor furthermore comprising operation means for the coupling which means are activated by swinging the anchor line held taut in order to change its angle with respect to the longitudinal axis of the fluke and then to mutually displace the first and second coupling member from a coupling position to a position in which the second coupling member is released or emerges from coupling engagement with the first coupling member, the second coupling member comprising a coupling hook which can be released by means of manipulation of the anchor line, the first coupling member comprising a pin about which the coupling hook rotatably engages, the operation means being adapted for having the hook pivot about an axis, which is parallel to and at a distance from the pin, from the coupling position to a release position.

Sub  
22

2. Anchor according to claim 1, the coupling being adapted such that after release from the coupling hook the latter can be entirely lifted away from the pin by pulling the anchor line.

3. Anchor according to claim 1 or 2, the operation means being provided with means for ~~(in the displacement mentioned)~~ urging away the coupling hook from the pin.

5 4. Anchor according to claim 1, 2 or 3, the operation means comprising a first stopping face which is stationary with respect to ~~(the pin at least as long as the coupling hook)~~ and the pin are coupled to one another, and comprising a second stopping face on the hook integrated therewith, the first stopping face forming a limitation for the displacement of the second stopping face at pivoting the hook about the pin and therewith forming a fulcrum for the hook.

5. Anchor according to claim 4, the second stopping face being at the most 180 degrees in circumferential direction of the hook spaced from the end of the coupling hook.

6. Anchor according to claim 4 or 5, the pin being provided with a flattening at the side of the pin facing away from the hook opening.

7. Anchor according to ~~any one of the preceding claims,~~ <sup>claim 1</sup> the connection means comprising a second permanent, latently present connection, between the parts of the anchor connected by both coupling members, which connection extends parallel to the coupling formed by the coupling members, and becomes active after releasing the coupling.

8. Anchor according to claim 7, (the connection mentioned) being a cable or chain.

9. Anchor according to claim 7, the connection mentioned being a rigid element which can be extended or folded out.

10. Anchor according to claim 9, the coupling hook being pivotably though permanently attached to (the end of an elongated, rigid intermediate member) by means of a second

pin, which member at the other end by means of a third pin is pivotably connected to a part of the anchor which forms a rigid whole with the pin, which is situated between the second and the third pivot pin in the coupling position.

11. Anchor according to claim 10, the intermediate member comprising a longitudinal slot which is concentrically situated with respect to the pin and in which the second pin is able to slide until abutment, the abutment with the second pin subsequently forming a fulcrum for the coupling hook.

12. Anchor according to claim 10, the second pin being fixedly connected to the intermediate member and the hook pivoting about the second pin at uncoupling.

13. Anchor according to ~~any one of the preceding claims,~~ <sup>claim 1</sup> the pin forming part of the first coupling member being attached to the fluke and the coupling hook forming part of the second coupling member being attached to the lower end of the shank.

14. Anchor according to claim 13, the shank being connected to the fluke with at least two hinge connections spaced in the direction of the longitudinal axis, at least (the front hinge connection) being constructed as the aforementioned coupling.

15. Anchor according to claim 14, the other, rear positioned hinge connection also being constructed as the aforementioned coupling.

16. Anchor according to claim 15, the coupling hook forming part of the second coupling member of the front hinge connection being a part of the operation means for the rear hinge connection.

10

10

15

4B

30

34.

coupling plate.

- Ba* 23. Anchor according to claim <sup>20</sup>~~20, 21 or 22~~ <sup>20</sup>, the shank being provided at the top with a connection for an installation line and of a connection for a mooring or load line, the connection for the installation line being provided with the coupling and the operation means for the coupling being activated by pivoting the load line.
- 5* 24. Anchor according to claim 23, the operation means comprising a lever mechanism, pivotably arranged on the shank and the first coupling member having a portion, (such as a wedge, confining the second coupling member being in contact with the lever mechanism in order to be displaced thereby with respect to the second coupling member for its releasing.
- 5* 25. Anchor according to claim 20, the shank being rigid and the coupling being provided at the upper end of the shank, the anchor line further being connected with the shank on a location between the fluke and the upper end of the shank by means of a latently present extension.
- 5* 26. Anchor according to claim 25, said location being at least almost perpendicularly located above the surface centre of gravity of the fluke.
- a to* 27. Anchor according to claim <sup>25</sup>~~25 or 26~~ <sup>25</sup>, the latently present extension being connected to the shank on said location by means of a second coupling.
28. Anchor according to claim 27, either the anchor line or the extension being connected to the upper end of the shank by means of a second latently present extension.
- 35* 29. Anchor according to <sup>claim 1</sup>~~any one of the preceding claims~~, the coupling and the operation means being adapted for

uncoupling in a non-destructive manner.

*3/2 add*  
~~30. Anchor according to <sup>claim 1</sup> any one of the preceding claims,~~  
 the pivoting of the anchor line for the uncoupling taking  
 5 place by enlarging the forwardly opening angle between the  
 anchor line and the longitudinal axis of the fluke.

*a sub*  
~~31. Anchor according to <sup>1</sup> any one of the preceding claims, a~~  
 resistance such as a spring being included in the coupling  
 10 in order to prevent unintended release when an un-  
 controlled swinging of the anchor line occurs.

32. Method for uncoupling a coupling or lock in the con-  
 nection between the fluke of an anchor and an anchor line,  
 15 the anchor line being swung around in tightened state and  
 thereby inducing the uncoupling.

20  
*add*  
*add*  
*add*  
*add*

AMENDED SHEET